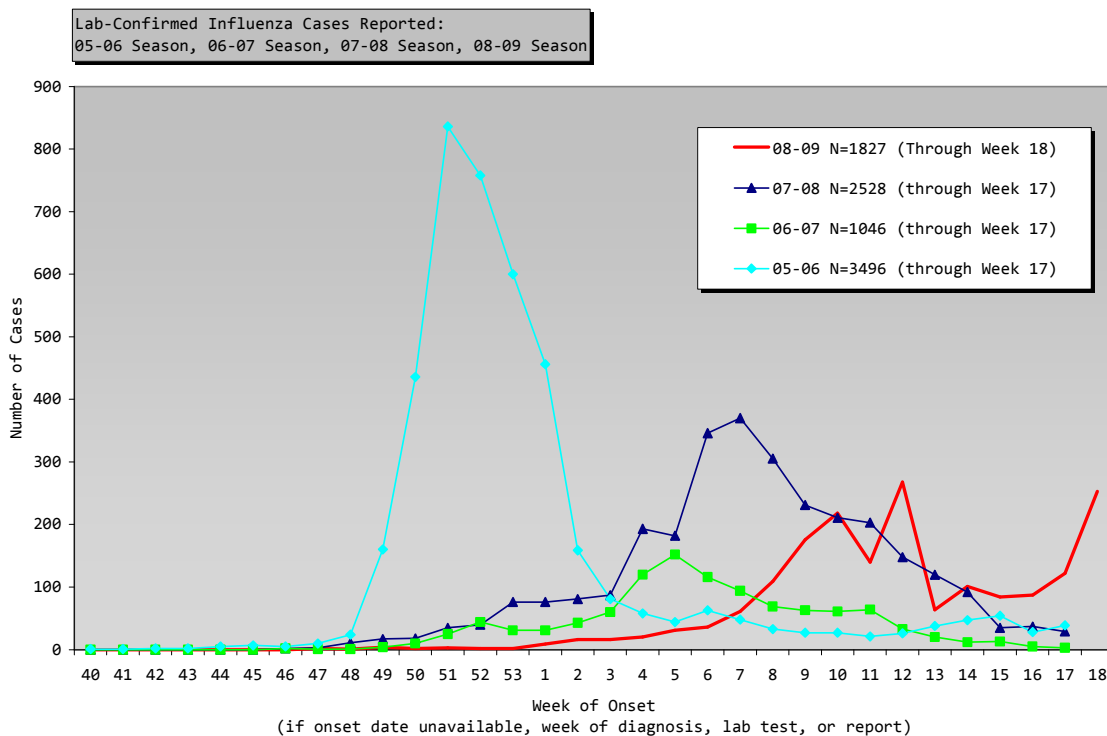
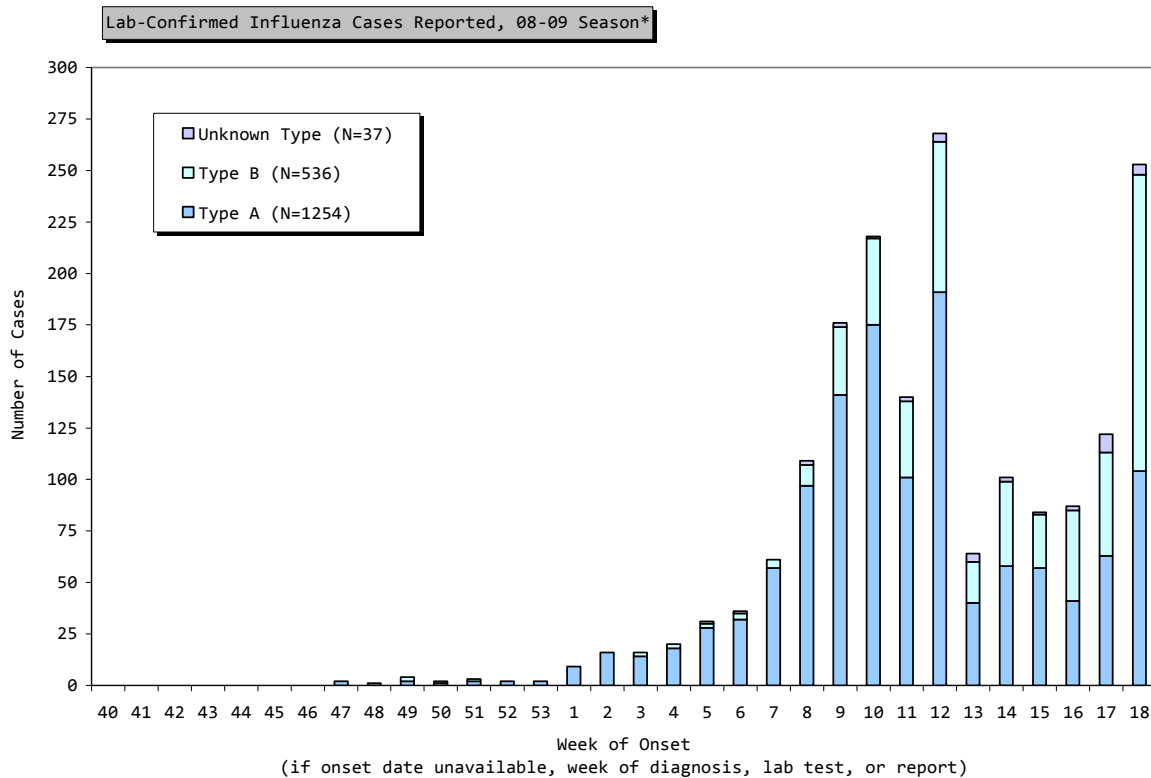


08-09 Influenza Season

MARICOPA COUNTY INFLUENZA SUMMARY UPDATE **WEEK 20 (5/17/09-5/23/09)**

- **Lab Confirmed Influenza:** 1827 cases of influenza have been confirmed at the Arizona State Laboratory (Through week 18).
- **Pneumonia & Influenza Mortality:** 6.39% of all deaths were due to pneumonia or influenza (all of Maricopa County, Week 20) (MCDPH Office of Vital Statistics)
 - **Influenza Associated Deaths (IAD):** 7 influenza-related deaths have been reported to date **(4 type-A, 2 type-B & 1 type-Unknown)**.
 - **Pediatric IAD:** 2 of the 7 IAD were pediatric cases **(1 type A & 1 type B)**.
- **Influenza-Like Illness:**
 - **Cigna Health Centers (n=20):** 0.02% of visits due to ILI. (provisional data; subject to change as updated information becomes available)
 - **Hospital Emergency Departments (n=17):** 0.98% of visits due to ILI
- **Biosense:** (n=6) 0.09% of all visits were due to ILI.
- **Severe Illness or Death (Biosense);** (n=6) No increase in activity.
- **Respiratory Syndromes (Biosense):** (n=6) 11.02 % of all visits were due to a respiratory syndrome.





Pneumonia & Influenza Mortality Surveillance

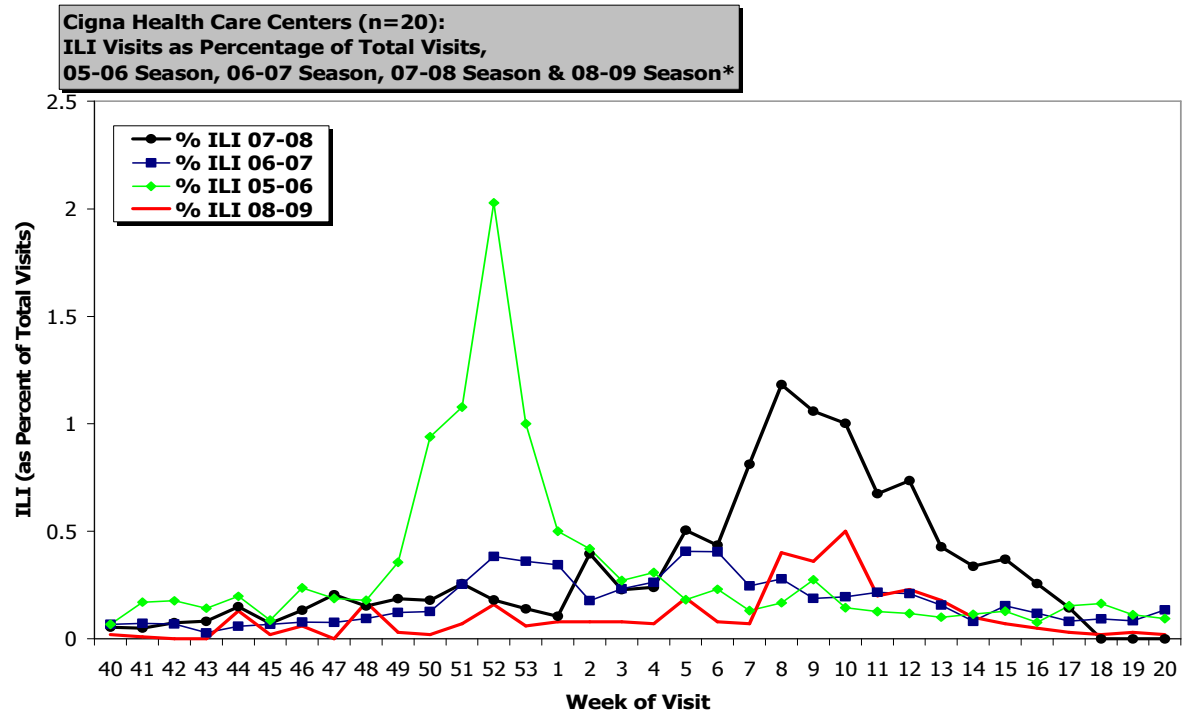
For Week 20 (5/17/09-5/23/09), the MCDPH Office of Vital Statistics reported that of all deaths, the percentage due to pneumonia or influenza was 5.97% for the City of Phoenix, 6.93% for Maricopa County less the City of Phoenix, and 6.39% for all of Maricopa County.

Influenza-Like Illness (ILI)* Surveillance

*ILI case definition: fever (at least 100°F) AND cough and/or sore throat.

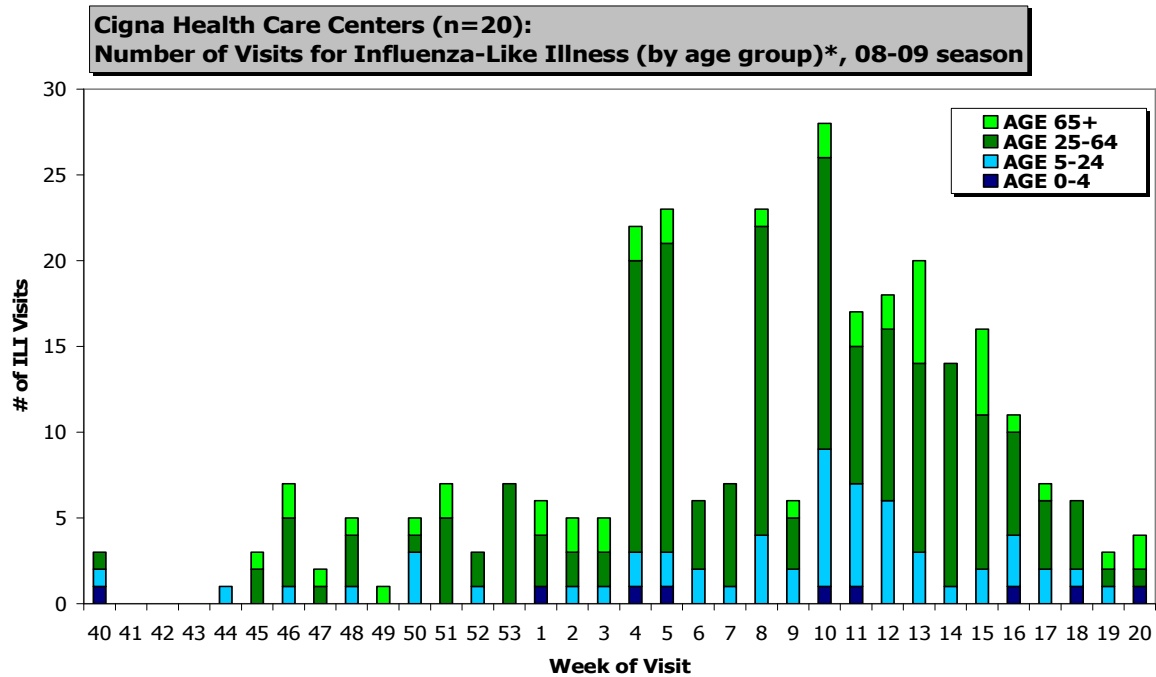
- During Week 20, 0.02% of patient visits to Cigna Health Care Centers (data from 20 centers, six departments) were due to ILI. During Week 20 of the two previous seasons, 0.09% (07-08) and 0.13% (06-07) of patient visits to Cigna Health Care Centers were due to ILI. (*Provisional data; may change in subsequent reports as updated information becomes available.)
- The percentage of ER visits for ILI (data from 17 hospitals) was 0.98% for Week 20.

Influenza-Like Illness (ILI)* Surveillance

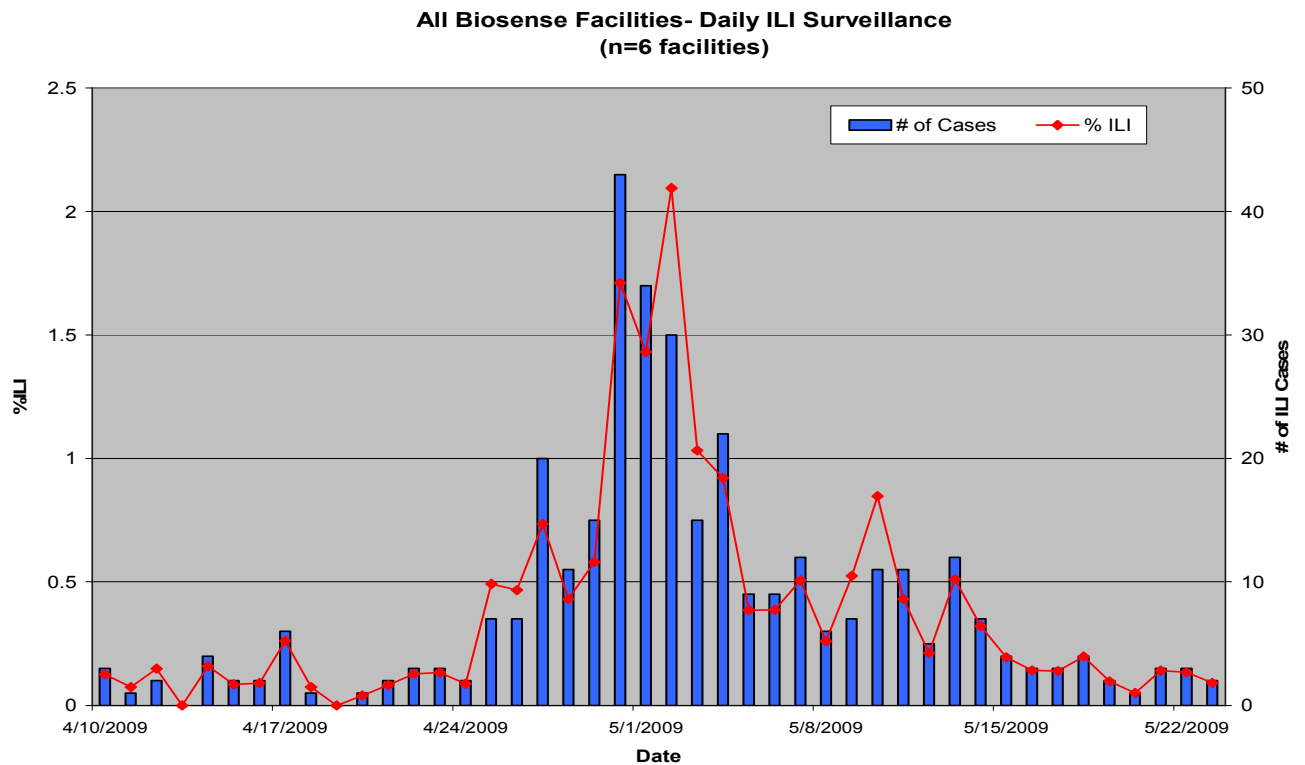
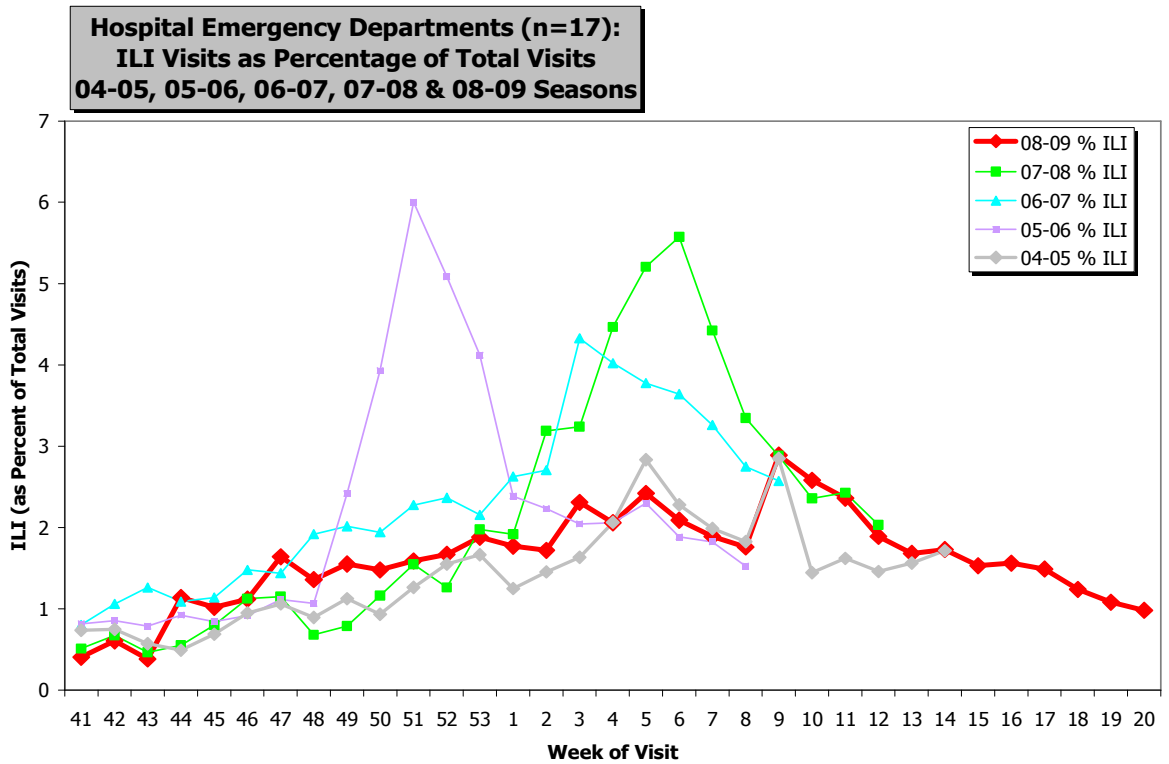


*Data for Weeks 17-20 of the 08-09 season is provisional and may change in subsequent reports as updated information becomes available.

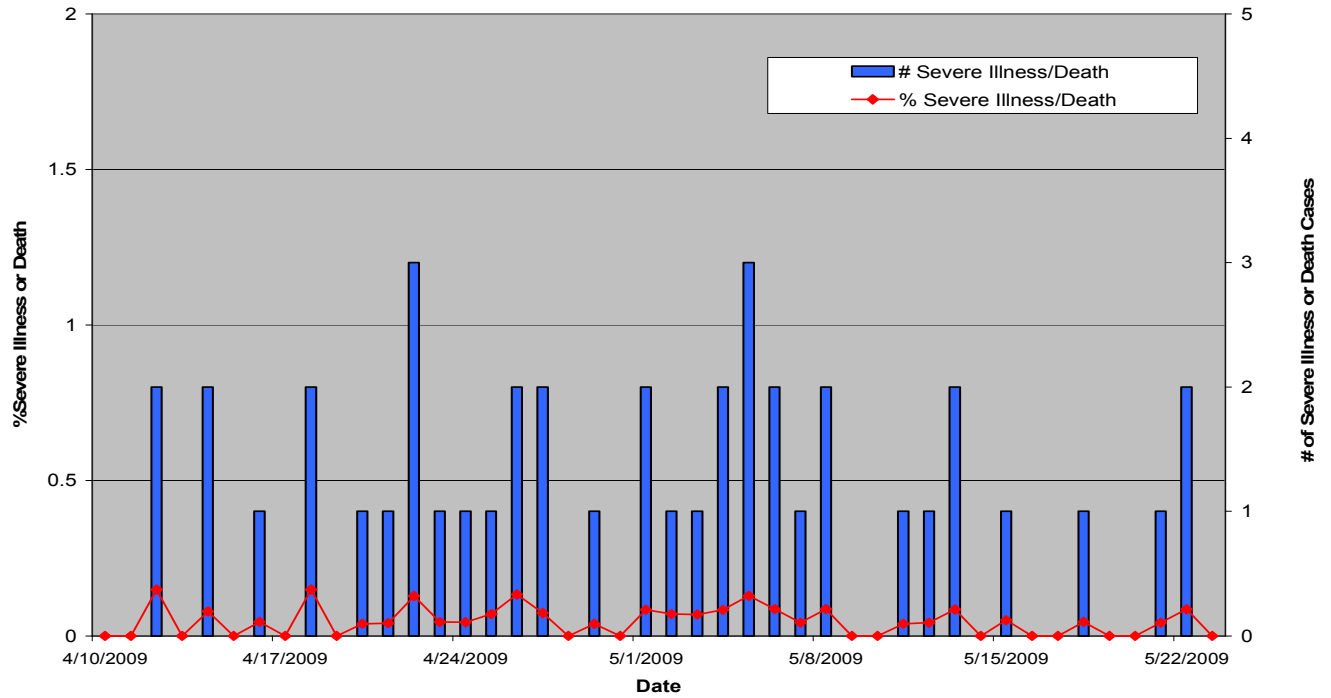
Influenza-Like Illness (ILI)* Surveillance



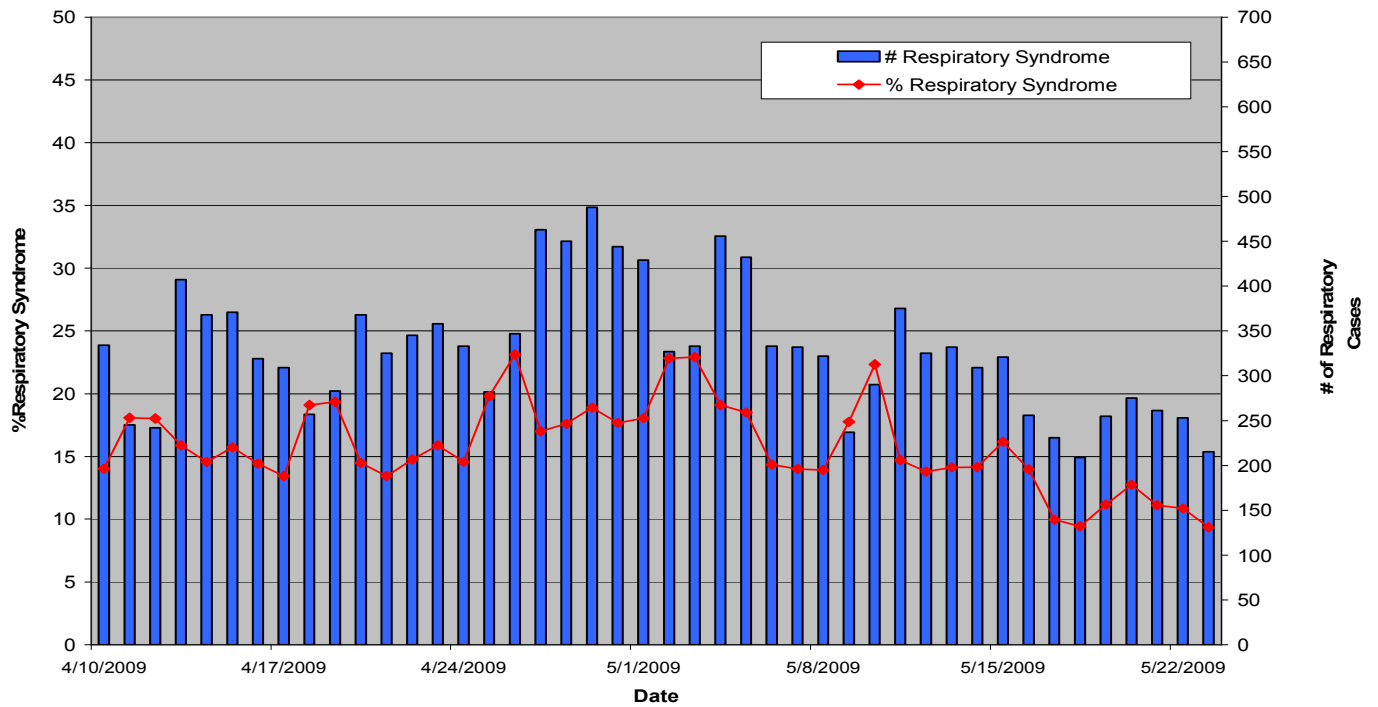
*Data for Weeks 17-20 of the 08-09 season is provisional and may change in subsequent reports as updated information becomes available.



**All Biosense Facilities Daily Syndrome Surveillance: Severe Illness or Deaths
(n=6 facilities)**



**All Biosense Facilities Daily Syndrome Surveillance: Respiratory
(n=6 facilities)**



Influenza Activity outside Maricopa County

Information on influenza activity outside Maricopa County is available at these sites:

- http://azdhs.gov/phs/oids/epi/flu/az_flu_surv.htm (Arizona Department of Health Services)
- <http://www.cdc.gov/flu/weekly/fluactivity.htm> (CDC)

Due to wide variability between national- and local-level data, it is not appropriate to apply any national baselines or thresholds to the information represented in this report.

Please email any questions about this report to: dereksteinke@mail.maricopa.gov .

Report generated: 5/29/09.

Influenza Surveillance Participants include:

Arizona Department of Health Services

Cigna Health Care Centers

Hospital Emergency Departments & Infection Control Practitioners

- Banner Baywood Hospital
- Banner Desert Hospital
- Banner Estrella Hospital
- Banner Gateway Hospital
- Banner Good Samaritan
- Banner Del E. Webb Hospital
- Arrowhead Hospital
- Carl T. Hayden VA Medical Center
- John C Lincoln North Mountain
- Mayo Hospital
- MMC
- St. Josephs Hospital
- St. Luke's Hospital
- Tempe St. Luke's
- Scottsdale Healthcare Shea
- Scottsdale Healthcare Osborne
- Scottsdale Healthcare Thompson Peak
- Wickenburg Community Hospital

